



TUBE LIGHTS

Tube lights



Universal lighting for mobile use

Our protective tube lighting range can be used so universally that everyone can probably find a use for it.

All of the luminaires are fitted with an impact- and break-resistant protective tube. In the mobile area in particular, it is suitable as lighting for tents, building sites or tunnels. Fitted with protectors, it can easily be linked to form a lamp chain thanks to an integrated socket. An extensive range of accessories then make fitting them very easy. No matter whether with adjustable webbing with carabiner hooks, rubber expander or magnets for fixing, everything makes fitting the lamps quick and easy.

But fixed mounting is also possible. Whether on the wall or ceiling, at a workstation or on a machine. The homogeneous, wide-beam and yet glare-reduced lighting ensures your safety at work. Fastened with plastic retaining clips, the luminaire can also be rotated and the light direction can therefore be adjusted between direct or indirect lighting.

For additional safety, the protective tube lamp is available with an emergency lighting function. In the event of a power failure, it ensures safe lighting instead of complete darkness for up to two hours thanks to an integrated battery.

Protective tube lamps with and without emergency lighting function in the "Chain" version can be combined into a lamp chain especially easily, which can be switched on and off centrally by a switch integrated in the mains supply line. This means that the charging function of the emergency lighting batteries remains when the lamp chain is switched off, thus guaranteeing that it can be used on the following working day.

ADDITIONAL ADVANTAGES

- ⊕ Mobile use or fixed mounting
- ⊕ With socket or through-wiring to form a lamp chain
- ⊕ High protection rating IP 67
- ⊕ Robust construction with impact protection IK08
- ⊕ Highly efficient LED technology with a system efficiency of up to 166 lm/W
- ⊕ Opalescent, glare-reducing protective tube
- ⊕ Emergency lighting function for your safety in the event of a power failure
- ⊕ Innovative plastic retaining clip with protective function against vandalism (accessory) and other accessories for mobile or fixed mounting
- ⊕ Environmentally friendly and conserves resources thanks to replaceable components





POSSIBLE APPLICATIONS

- + Tent lighting
- + Aircraft and shipbuilding
- + Industry
- + Lighting for assembly workstations

Features





IP 67

IK08



max. 8.000 lm

max. 166 lm/W

Tube lights

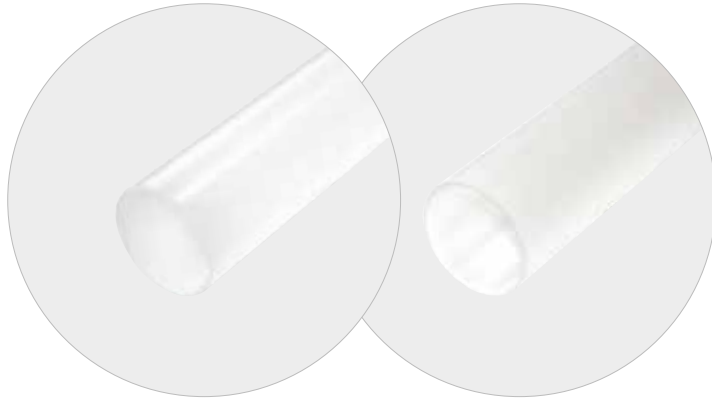


Our protective tube lights are notable for their latest LED technology with high luminous flux provided by a shock-resistant, low-glare opal tube. The tubes' new end caps allow for extremely easy maintenance. And, what's more, a wide range of accessories for mobile use or fixed installation is available.

- With socket outlet or through-wiring available
- High degree of protection up to IP 67
- Avoiding hard or multiple shadows
- Innovative mounting bracket with protection against vandalism (accessories)
- Emergency light function with reduced luminous flux
- Environmentally friendly and conserves resources thanks to replaceable components

Tube lights

Features



Impact-resistant and break-proof housing
Standard: Polycarbonate, opal
On request: PMMA or borosilicate glass, opal



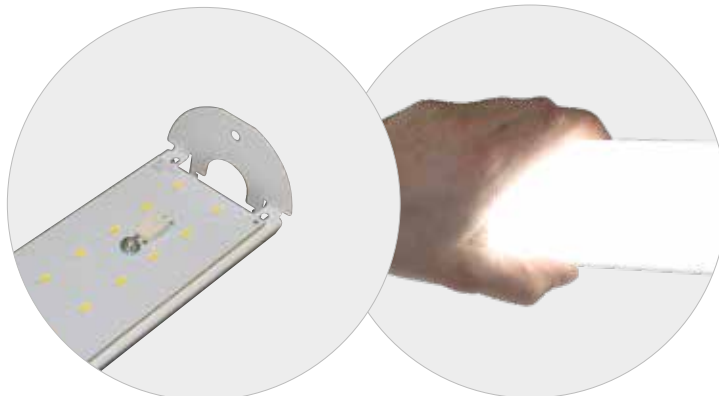
For mobile use, including power supply cable with mains plug, protectors and optional socket outlet



Environmentally friendly and conserves resources thanks to replaceable components



Virtually no heat emission
LED panels with 30 SMD LEDs each



Luminaire tested for use with limited surface temperature according to DIN EN 60598-2-24



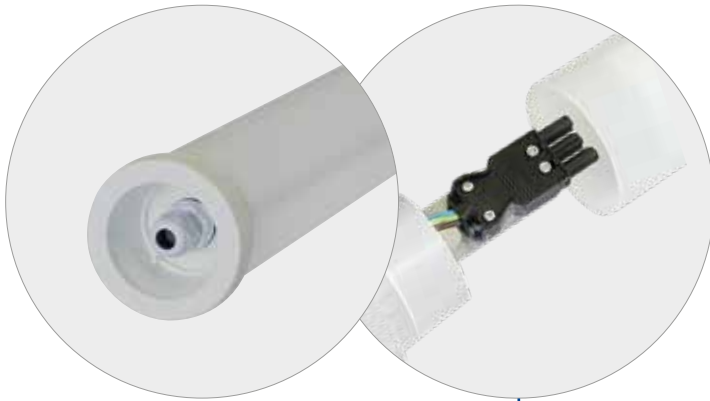
High degree of protection IP 67



Pressure compensating valve against the formation of condensation water in the luminaire



Resistant to ammonia and cleaning with a surface jet nozzle at a distance of only 10 cm (FARM)



For fixed installation, including connectors for easy installation and maintenance

- Without through-wiring (single-sided cable entry)
- With through-wiring (two-sided cable entry)

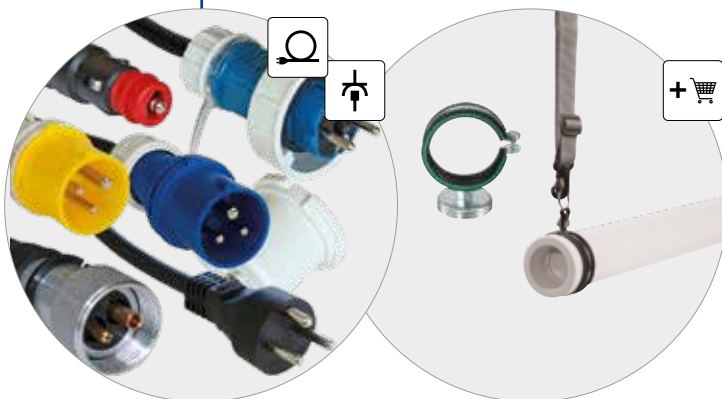


Different connector systems and longer power supply cable on request

Wide range of accessories

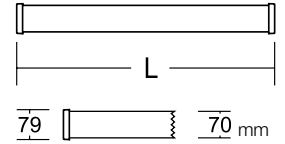
Emergency light function

Emergency light function can be blocked by switch for transport and storage





Protective tube plastic opal (polycarbonate), end caps plastic grey (polyamide), integrated electronic driver, 1 or 2 cable entries (through-wiring).



5.000 K*, R_a ≥ 80

..... LED panel



..... IK08

*3.000 K / 4.000 K - on request



230 V, 50-60 Hz

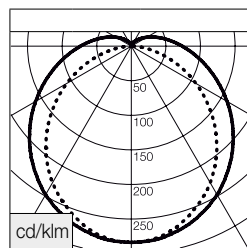
Model	Φ _v	P	Lightning Bolt	Grounding	Water Drop	L	Weight	
68A100Z0-0002	1.600 lm	11 W	-	-	I	IP 67	405	0,8 kg
68A200Z0-0002	3.200 lm	21 W	-	-	I	IP 67	685	1,4 kg
68A200Z1-0002	3.200 lm	21 W	✓	-	I	IP 67	685	1,5 kg
68A300Z0-0002	5.100 lm	31 W	-	-	I	IP 67	965	2,0 kg
68A300Z1-0002	5.100 lm	31 W	✓	-	I	IP 67	965	2,1 kg
68A400Z0-0002	6.800 lm	41 W	-	-	I	IP 67	1.245	2,3 kg
68A400Z1-0002	6.800 lm	41 W	✓	-	I	IP 67	1.245	2,4 kg
68A500Z0-0002	8.000 lm	51 W	-	-	I	IP 67	1.530	2,7 kg
68A500Z1-0002	8.000 lm	51 W	✓	-	I	IP 67	1.530	2,8 kg

42 V, 50-60 Hz

available on request

24 V, 50-60 Hz

available on request



68A10...		
h (m)	Ø (m)	E (lx)
1	5	446
2	9	112
3	14	50
4	18	28
5	23	18

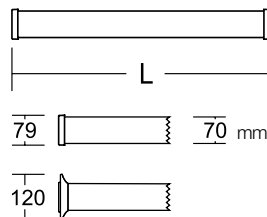
68A20...		
h (m)	Ø (m)	E (lx)
1	5	843
2	9	210
3	14	94
4	18	53
5	23	34

68A30...		
h (m)	Ø (m)	E (lx)
1	5	1.357
2	9	339
3	14	151
4	18	85
5	23	54

68A40...		
h (m)	Ø (m)	E (lx)
1	5	1.831
2	9	458
3	14	203
4	18	114
5	23	73

68A50...		
h (m)	Ø (m)	E (lx)
1	5	2.199
2	9	550
3	14	244
4	18	137
5	23	88

Protective tube plastic opal (polycarbonate), end caps plastic (grey/polyamide), integrated electronic driver, 2 protectors (blue), 5 m power supply cable with mains plug.



	Φ_v	P						
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230 V, 50-60 Hz

68A10000-0062	1.600 lm	11 W	-	E+F	I	IP 67	405	1,8 kg
68A10100-0062	1.600 lm	11 W	1	F	I	IP 54	470	1,9 kg
68A20000-0062	3.200 lm	21 W	-	E+F	I	IP 67	685	2,4 kg
68A20100-0062	3.200 lm	21 W	1	F	I	IP 54	750	2,5 kg
68A30000-0062	5.100 lm	31 W	-	E+F	I	IP 67	965	3,0 kg
68A30100-0062	5.100 lm	31 W	1	F	I	IP 54	1.030	3,1 kg
68A40000-0062	6.800 lm	41 W	-	E+F	I	IP 67	1.245	3,3 kg
68A40100-0062	6.800 lm	41 W	1	F	I	IP 54	1.310	3,4 kg
68A50000-0062	8.000 lm	51 W	-	E+F	I	IP 67	1.530	3,7 kg
68A50100-0062	8.000 lm	51 W	1	F	I	IP 54	1.595	3,8 kg
68Ax0001-0062*			-	E+F ⁶⁸	I	IP 67		
68Ax0101-0062*			1	F ⁶⁸	I	IP 67		
68Ax00CH-0062*			-	J	I	IP 67		
68Ax01B0-0062*			1	E	I	IP 54		
68Ax0006-0062*			-	CEE 6h	I	IP 67		
68Ax0106-0062*			1	CEE 6h	I	IP 44		

*x: 1 = 12 W, 2 = 23 W, 3 = 33 W, 4 = 45 W, 5 = 55 W

42 V, 50-60 Hz

68Ax6060-0062*			-	CEE 42	III	IP 67		
68Ax6160-0062*			1	CEE 42	III	IP 44		

*x: 2 = 23 W, 3 = 33 W, 4 = 45 W

24 V, 50-60 Hz

68Ax5050-0062*			-	CEE 24	III	IP 67		
68Ax5150-0062*			1	CEE 24	III	IP 44		

*x: 2 = 23 W, 3 = 33 W, 4 = 45 W



5.000 K*, R_a ≥ 80
LED panel

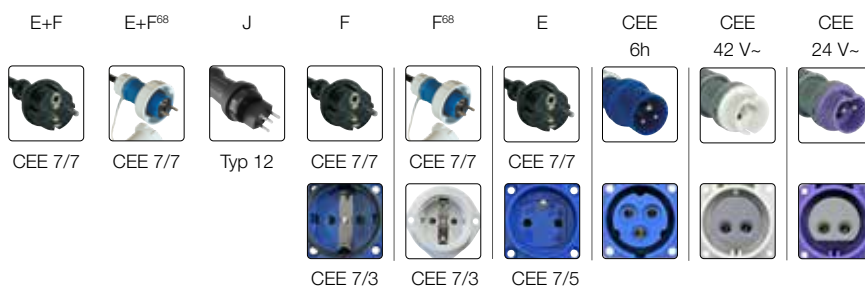


5 m, H07RN-F
black



IK08

*3.000 K / 4.000 K - on request





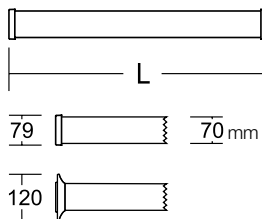
Tube lights Emergency light



Light for tricky situations: A power failure on a building site, in a tunnel or during a boiler overhaul means darkness and chaos. This is where the emergency lighting function in our protected tube lamps helps with the immediate activation of basic lighting. In addition to the familiar 230 V version, it is now also available for safety extra-low voltage of 42 V.

- Automatic activation of the emergency lighting in the event of a power failure
- Emergency lighting duration 120 min. or 3 x 60 min for reach version
- Emergency lighting function can be blocked by switch for transport and storage
- Can be supplied with a socket
- High protection rating IP 65
- Reduced glare lighting thanks to satin-finished protective tube
- A wide range of accessories for hanging or attaching is optionally available
- Environmentally friendly and conserves resources thanks to replaceable components

Protection tube made of impact-resistant opal plastic (polycarbonate), plastic end caps (grey/ polyamide), control gear and battery integrated, 2 protectors (blue), 5 m supply cable with mains plug, emergency light function with reduced luminaire luminous flux for max. 120 min. with full battery, emergency function for transport / storage can be switched off.



Shopping cart icon, Φ_v , P, Fan icon, Plug icon, Grounding icon, Water drop icon, L icon, Battery icon

230 V, 50-60 Hz

68A30000-0062.NL	3.400 lm	24 W	-	F	I	IP 65	1.000	3,5 kg
68A30100-0062.NL	3.400 lm	24 W	1	F	I	IP 54	1.070	3,5 kg
68A301B0-0062.NL	3.400 lm	24 W	1	E	I	IP 44	1.030	3,5 kg
68A30101-0062.NL	3.400 lm	24 W	1	F	I	IP 65	1.030	3,5 kg

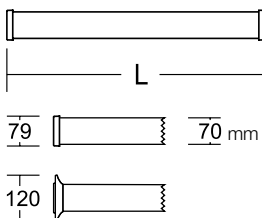
68A30000-0062.NL ⚡			68A30000-0062.NL 🚶		
h (m)	Ø (m)	E (lx)	h (m)	Ø (m)	E (lx)
1	5	922	1	5	244
2	9	231	2	9	61
3	14	102	3	14	27
4	18	58	4	18	15
5	23	37	5	23	10



- 5.000 K*, Ra ≥ 80
..... LED panel
- 5 m, H07RN-F
..... black
- NiMH 2,2 Ah 6 V
- 900 lm, 120 min
- 24 h
- IK08

*3.000 K / 4.000 K - on request

Protection tube made of impact-resistant opal plastic (polycarbonate), plastic end caps (grey/ polyamide), control gear and battery integrated, 2 protectors (blue), 5 m supply cable with mains plug, emergency light function with reduced luminaire luminous flux for 60 min, emergency function for transport / storage can be switched off, 3 emergency light cycles á 60 min. possible with full battery.



Shopping cart icon, Φ_v , P, Fan icon, Plug icon, Grounding icon, Water drop icon, L icon, Battery icon

42 V, 50-60 Hz

68A36060-0062.NL	5.000 lm	35 W	-	CEE 42	III	IP 65	1.000	2,8 kg
68A36160-0062.NL	5.000 lm	35 W	1	CEE 42	III	IP 44	1.080	3,0 kg
68A46060-0062.NL	6.650 lm	47 W	-	CEE 42	III	IP 65	1.285	3,4 kg
68A46160-0062.NL	6.650 lm	47 W	1	CEE 42	III	IP 44	1.363	3,4 kg

68A36060-0062.NL ⚡			68A36060-0062.NL 🚶			68A46060-0062.NL ⚡		
h (m)	Ø (m)	E (lx)	h (m)	Ø (m)	E (lx)	h (m)	Ø (m)	E (lx)
1	5	1.448	1	5	139	1	5	1.959
2	9	362	2	9	35	2	9	490
3	14	161	3	14	15	3	14	218
4	18	91	4	18	9	4	18	122
5	23	58	5	23	6	5	23	78



- 5.000 K, Ra ≥ 80
..... LED panel
- 5 m, H07RN-F
..... black
- NiMH 2,2 Ah 6 V
- 480 lm, 3 x 60 min
- 24 h
- IK08



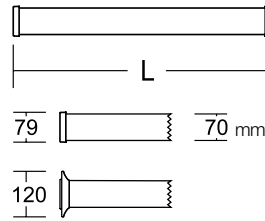
Tube lights Basic



In spite of the small number of versions, our Basic protected tube lights offer innovative lighting technology with convincing technical data. The lamp, which is available only as a mains voltage version, achieves a system efficiency of max. 141 lumen/Watt with an opalescent protective tube. With its higher luminous flux, the white light (4,000 K) and a robust construction, it is ideally suited as tent lighting. But it is also predestined to serve as the lighting of pathways on building sites or other outdoor applications thanks to its high protection rating of up to IP 67.

- Available with or without socket outlet
- High degree of protection up to IP 67
- Good impact resistance IK08
- Glare-reduced illumination thanks to opal protective tube
- Extensive range of accessories for suspension or mounting optionally available
- Environmentally friendly and conserves resources thanks to replaceable components

Protective tube plastic opal (polycarbonate), end caps plastic (grey/polyamide), integrated electronic driver, 2 protectors (blue), 5 m power supply cable with mains plug.



	Φ_V	P						
230 V, 50-60 Hz								
68E10100-0062	3.450 lm	30 W	1	F	I	IP 54	788	2,1 kg
68E10101-0062	3.450 lm	30 W	1	F ⁶⁸	I	IP 67	789	2,3 kg
68E101B0-0062	3.450 lm	30 W	1	E	I	IP 54	773	2,1 kg
68E20100-0062	5.200 lm	37 W	1	F	I	IP 54	1.346	3,0 kg
68E20101-0062	5.200 lm	37 W	1	F ⁶⁸	I	IP 67	1.347	3,1 kg
68E201B0-0062	5.200 lm	37 W	1	E	I	IP 54	1.331	3,0 kg
68E30100-0062	7.900 lm	56 W	1	F	I	IP 54	1.628	3,3 kg
68E30101-0062	7.900 lm	56 W	1	F ⁶⁸	I	IP 67	1.629	3,5 kg
68E301B0-0062	7.900 lm	56 W	1	E	I	IP 54	1.613	3,3 kg



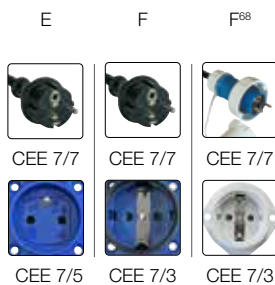
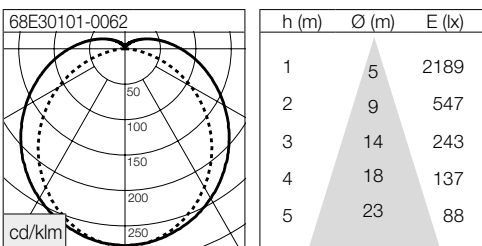
4.000 K, R_a ≥ 80
LED panel

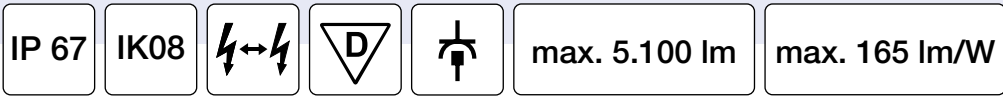
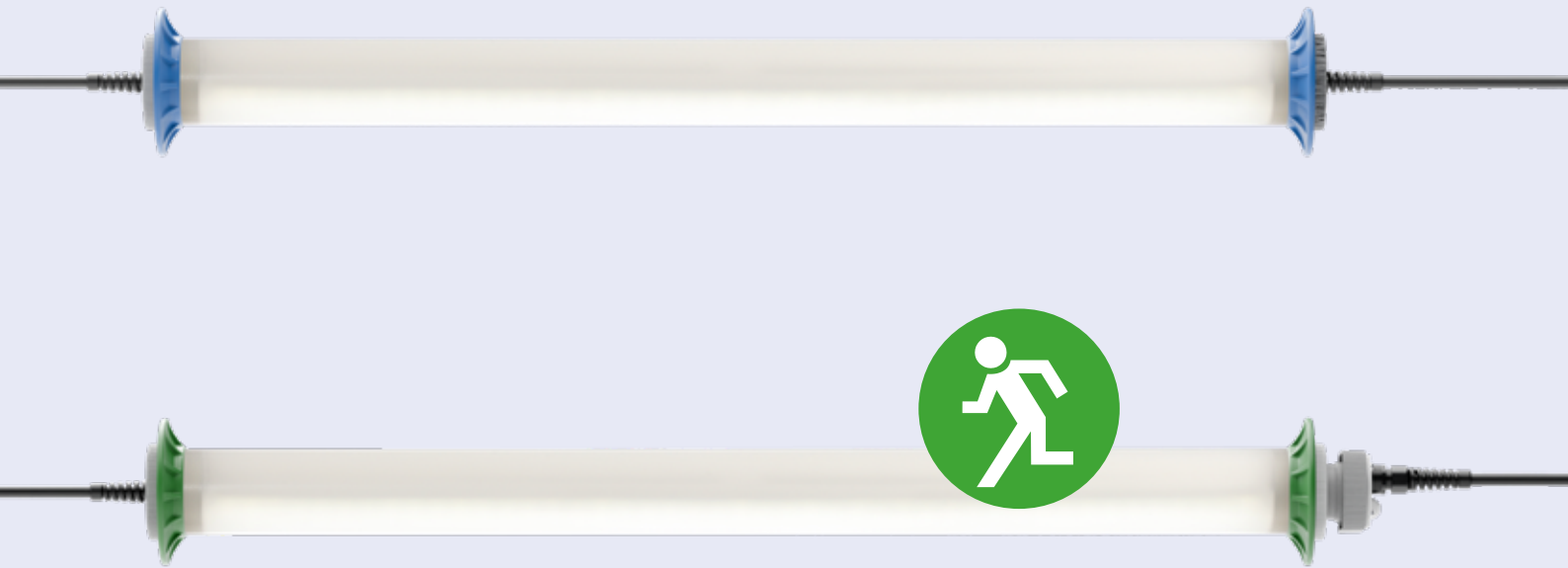


5 m, H07RN-F
black



IK08



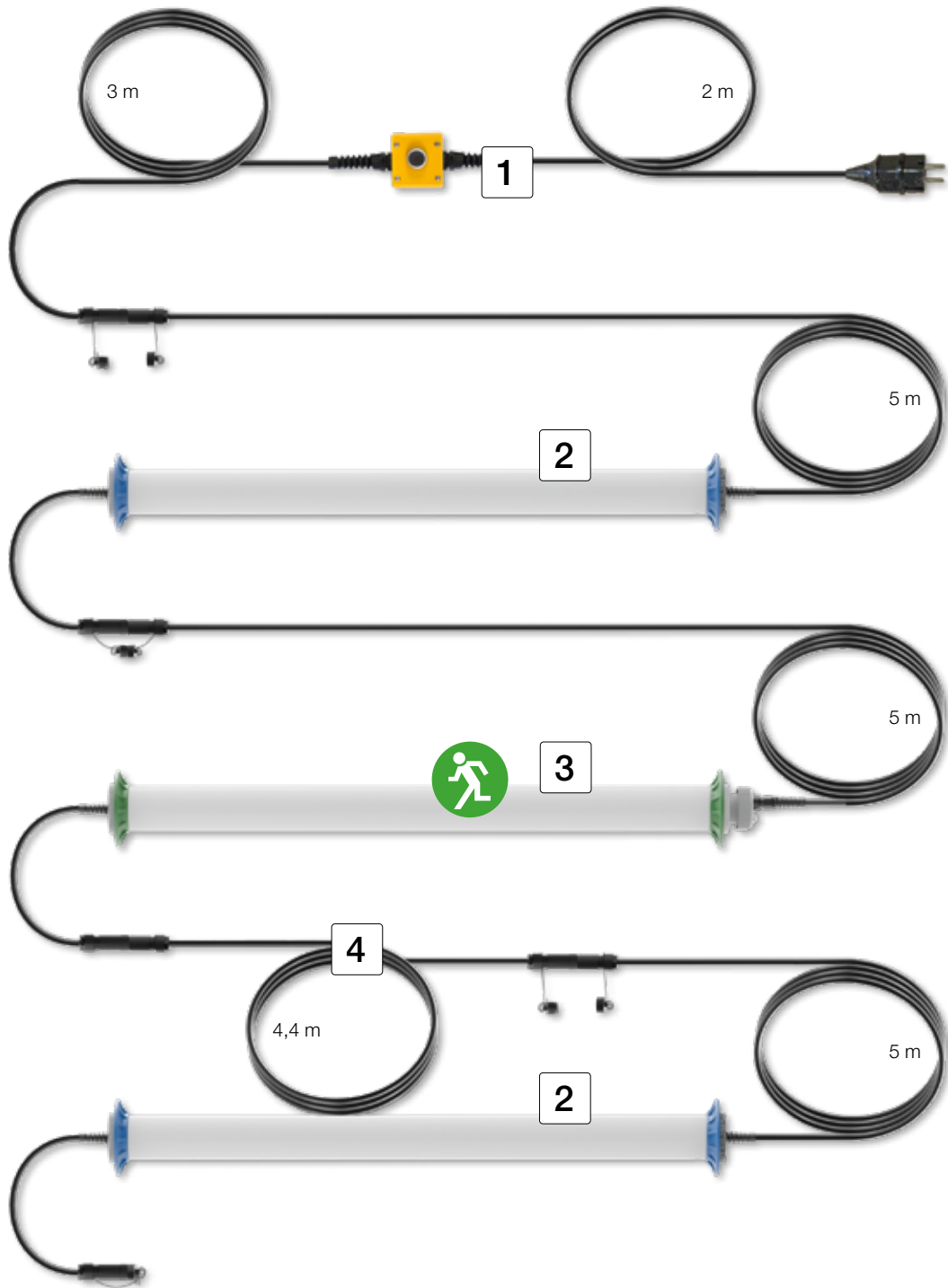


Tube lights Chain

NEW

When connected to a chain of lamps, tube lights are especially suited to long lighting lines. They provide light in tunnels, tents, on wharves and building sites or in industrial plants. In precisely those places where “health and safety at work” is becoming increasingly important. It is even more beneficial is a lamp chain like our “chain” links workplace lighting to an emergency lighting function and this can be switched on and off by a switch integrated in the mains supply line. This means that the charging function of the emergency lighting batteries remains when the lamp chain is switched off, thus guaranteeing that it can be used on the following working day.

- Simple structure of a lamp chain
- Wieland RST16 plug-in system for a fast and reliable connection
- Emergency lighting function can be blocked by switch for transport and storage
- Mains supply line can be used with various plugs (230 V)
- High protection rating IP 67
- Reduced glare lighting thanks to satin-finished protective tube
- A wide range of accessories for hanging or attaching is optionally available
- Environmentally friendly and conserves resources thanks to replaceable components



black

1 Mains cable with on/off switch

2 Tube light Chain

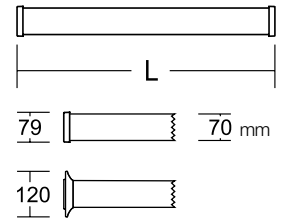
3 Chain emergency light

4 Extension cable



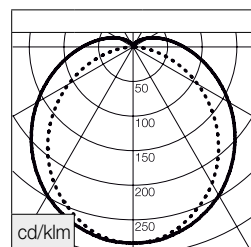
Protective tube light for use in a light chain. Protective tube made of impact-resistant opal plastic (polycarbonate), plastic end caps (grey/polyamide), integrated control gear, 2 protectors (blue), 5 m supply cable (H07RN-F) with RST16 plug, 0.3 m down conductor with RST16 socket, extensive range of optional accessories for suspension or mounting.

Emergency light version (.NL): 2 protectors (green), integrated rechargeable battery, emergency light function with reduced luminaires luminous flux for max. 120 min. with fully charged battery, emergency light function can be deactivated for transport or storage.



- 5.000 K, $R_a \geq 80$
..... LED panel
- NiMH 2,2 Ah 6 V
- 900 lm, 120 min
- 24 h
- IK08

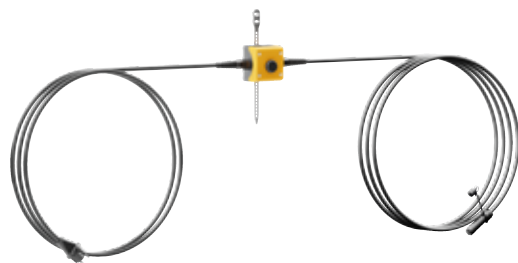
	Φ_v	P							
230 V, 50-60 Hz									
68A3000C-0062	5.100 lm	31 W	RST16-4	-	II	IP 67	965	3,2 kg	
68A3000C-0072.NL	3.400 lm	24 W	RST16-4	✓	II	IP 67	1.000	3,6 kg	



68A3000C-0062		
h (m)	Ø (m)	E (lx)
1	5	1.357
2	9	339
3	14	151
4	18	85
5	23	54

68A3000C-0072.NL		
h (m)	Ø (m)	E (lx)
1	5	922
2	9	231
3	14	102
4	18	58
5	23	37

68A3000C-0072.NL		
h (m)	Ø (m)	E (lx)
1	5	244
2	9	61
3	14	27
4	18	15
5	23	10



Mains cable with plug and on/off switch Chain 230 V

5 m mains cable (H07RN-F) with mains plug, on/off switch and RST16 socket. Mains connection for a light chain with protective tube lights Chain.

	95-000C-0001		E+F		5.000 mm		1,33 kg
	95-010C-0001		E+F ⁶⁸		5.000 mm		1,41 kg
	95-060C-0001		CEE 6h		5.000 mm		1,39 kg



Mains cable extension Chain 230 V

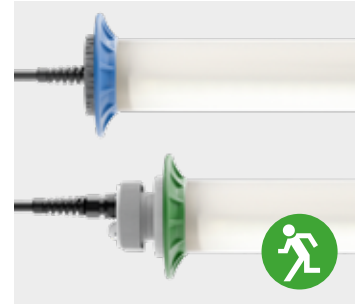
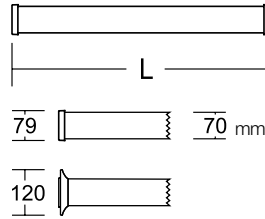
4.4 m mains cable (H07RN-F) with RST16 plug and socket. For extending the mains cable in a light chain with protective tube lights Chain.

	95-0C0C-0001		RST16-4		4.400 mm		0,98 kg
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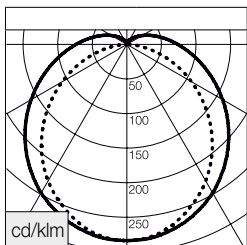
Protective tube light for use in a light chain. Protective tube made of impact-resistant opal plastic (polycarbonate), plastic end caps (grey/polyamide), integrated control gear, 2 protectors (blue), 5 m supply cable (H07RN-F) with RST16 plug, 0.3 m down conductor with RST16 socket, extensive range of optional accessories for suspension or mounting.

Emergency light version: 2 protectors (green), integrated rechargeable battery, emergency light function with reduced luminaire luminous flux for 60 min., 3 emergency light cycles of 60 min. each possible with full rechargeable battery, emergency function can be deactivated for transport or storage.



	Φ_V	P						
42 V, 50-60 Hz								
68A3610C-0062	5.000 lm	35 W	RST16-3	-	III	IP 67	965	3,0 kg
68A3610C-0072.NL	5.000 lm	35 W	RST16-3	✓	III	IP 66	1.000	3,3 kg

- 5.000 K, $R_a \geq 80$
..... LED panel
- NiMH 2,2 Ah 6 V
- 480 lm, 3 x 60 min
- 24 h
- IK08



68A3610C-0062		
h (m)	Ø (m)	E (lx)
1	5	1.448
2	9	362
3	14	161
4	18	91
5	23	58

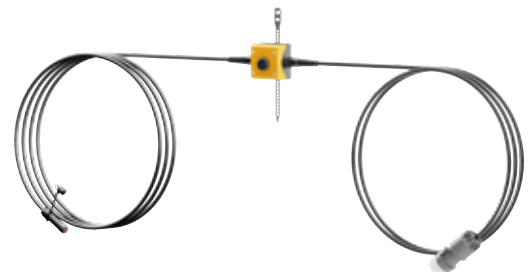
68A3610C-0072.NL		
h (m)	Ø (m)	E (lx)
1	5	1.448
2	9	362
3	14	161
4	18	91
5	23	58

68A3610C-0072.NL		
h (m)	Ø (m)	E (lx)
1	5	139
2	9	35
3	14	15
4	18	9
5	23	6

Mains cable with plug and on/off switch Chain 42 V

5 m mains cable (H07RN-F) with mains plug, on/off switch and RST16 socket. Mains connection for a light chain with protective tube lights Chain.

	95-600C-0001		CEE 42 V~		5.000 mm		1,38 kg
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Mains cable extension chain 42 V

4.4 m mains cable (H07RN-F) with RST16 plug and socket. For extending the mains cable in a light chain with protective tube lights Chain.

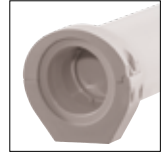
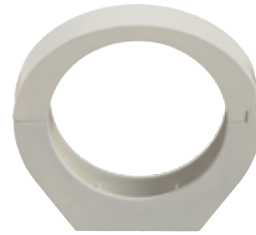
	95-6C0C-0001		RST16-3		4.400 mm		0,82 kg
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Accessories

Mounting bracket (plastic)

Mounting bracket (plastic) for wall or ceiling mounting

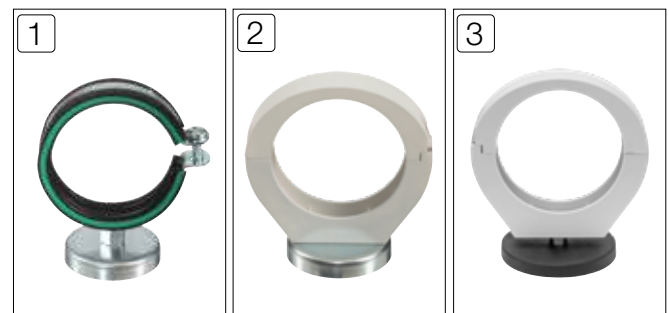


68Z00001

Set (2 pieces)

Mounting bracket

Mounting bracket (luminaire can be rotated) plastic or metal with magnet; Set (2 pieces)



1 68Z00002 Adhesive force: 230 N

2 68Z00003 Adhesive force: 230 N

3 68Z00007 Adhesive force: 250 N Magnet rubberised

Mounting bracket (metal)

Mounting bracket (metal) with hanger assembly of stainless steel



4 68Z00004

Set (2 pieces)

Plastic retaining clip with key ring

Luminaire rotatable



5 68Z00016

Set (2 pieces)

Mounting bracket

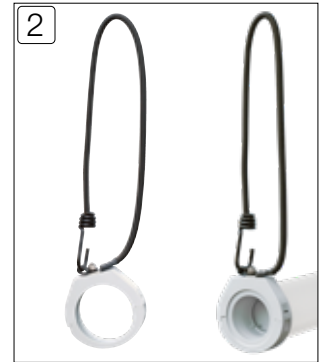
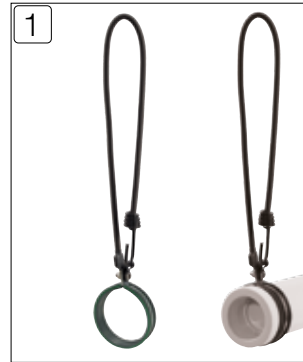
Mounting bracket (metal) with expander suspension (L 600 mm)*

1  68Z00006 Set (2 pieces)

Mounting bracket (plastic) with expander suspension (L 600 mm*), luminaire rotatable

2  68Z00017 Set (2 pieces)

*Other lengths - on request



Mounting bracket

Mounting bracket (metal) with belt suspension (L 330 - 550 mm)*

3  68Z00005 Set (2 pieces)

Mounting bracket (plastic) with belt suspension (L 330 - 550 mm*), luminaire rotatable




4  68Z00008 Set (2 pieces)

*Other lengths - on request



Transport case for lights up to max. 1100 mm in length

Plastic case (ABS), 3 hinges, 2 locks (lockable), 2 wheels, carrying handles, stackable, suitable for Euro pallets, Suitable for up to 5 protective tube lights
Internal dimensions: L 1130, W 290, H 280 mm

 95-0405-0001  L 1190, B 350, H 330 mm  6 kg





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Portable light for professionals – Made in Germany

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